



DIRECTION-DEPENDENT COLOR CONVERSION IN  
BIDIRECTIONAL PRINTING

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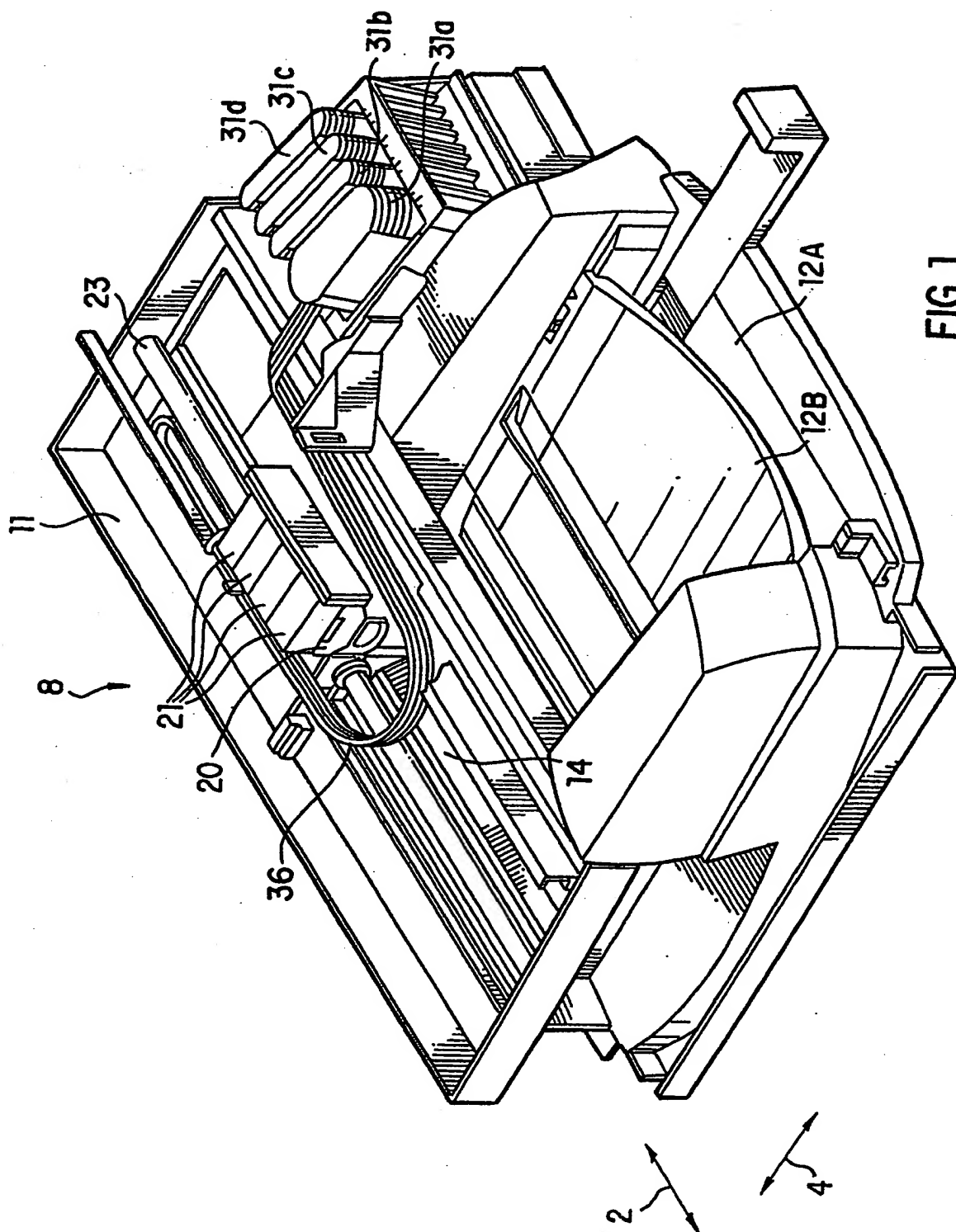
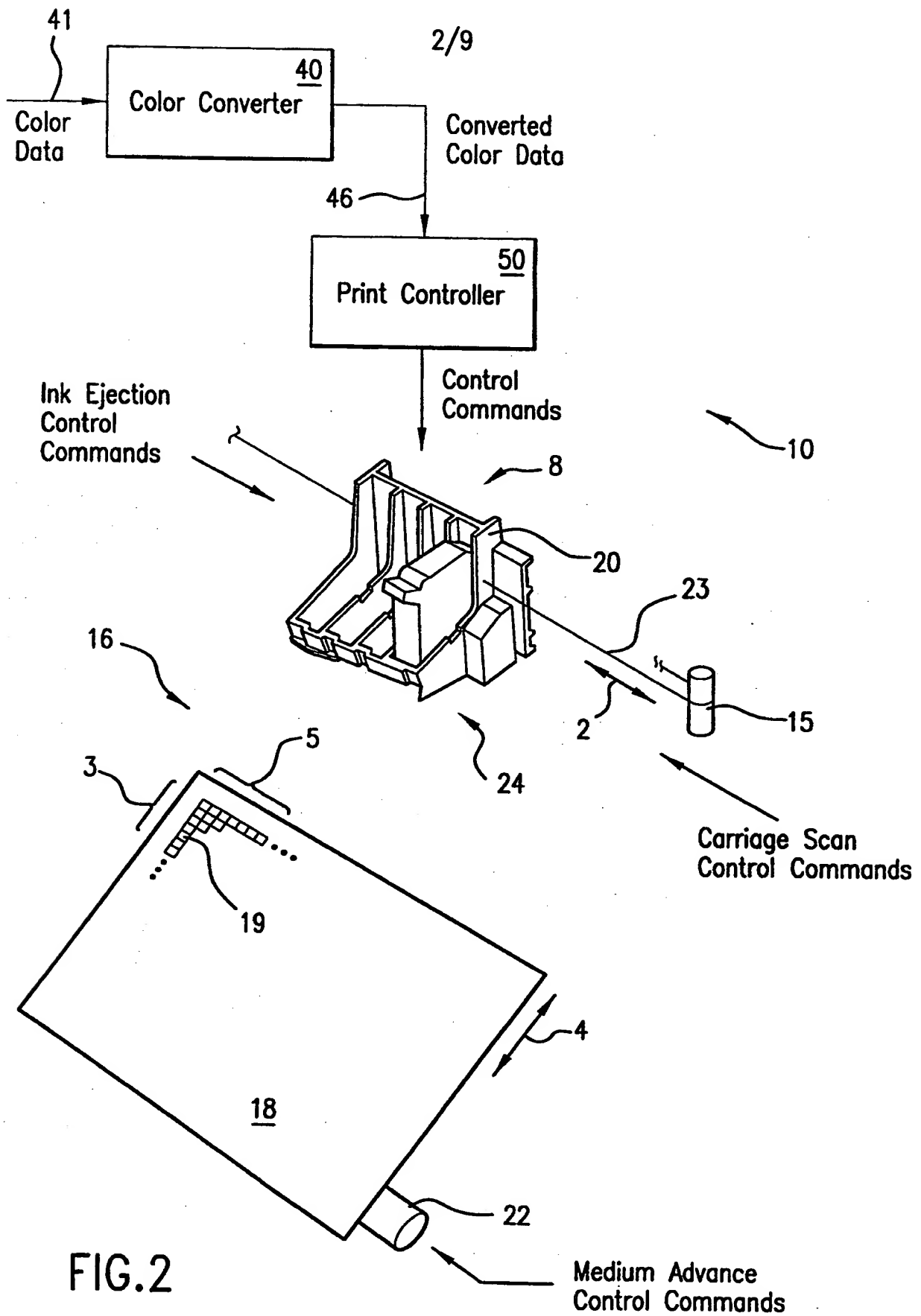
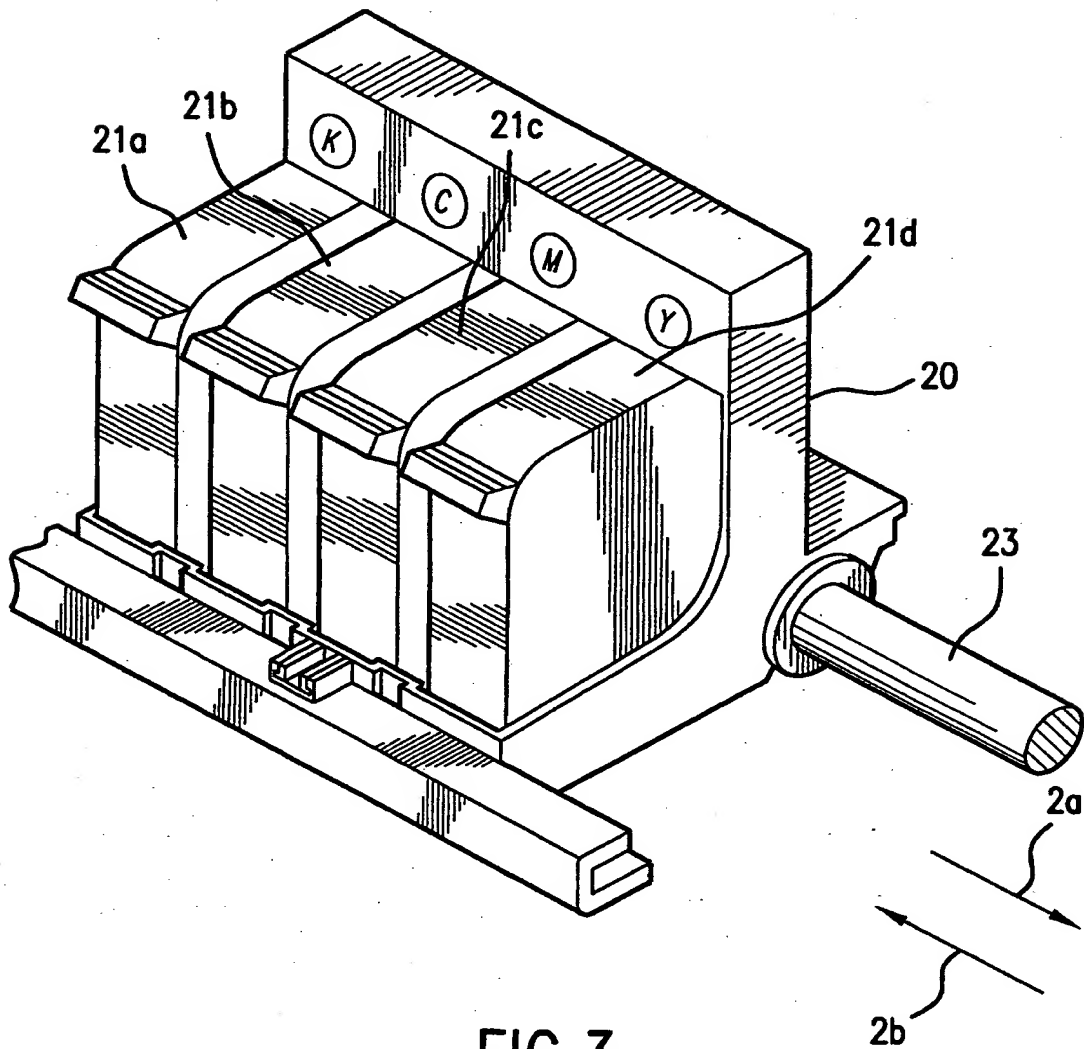


FIG. 1



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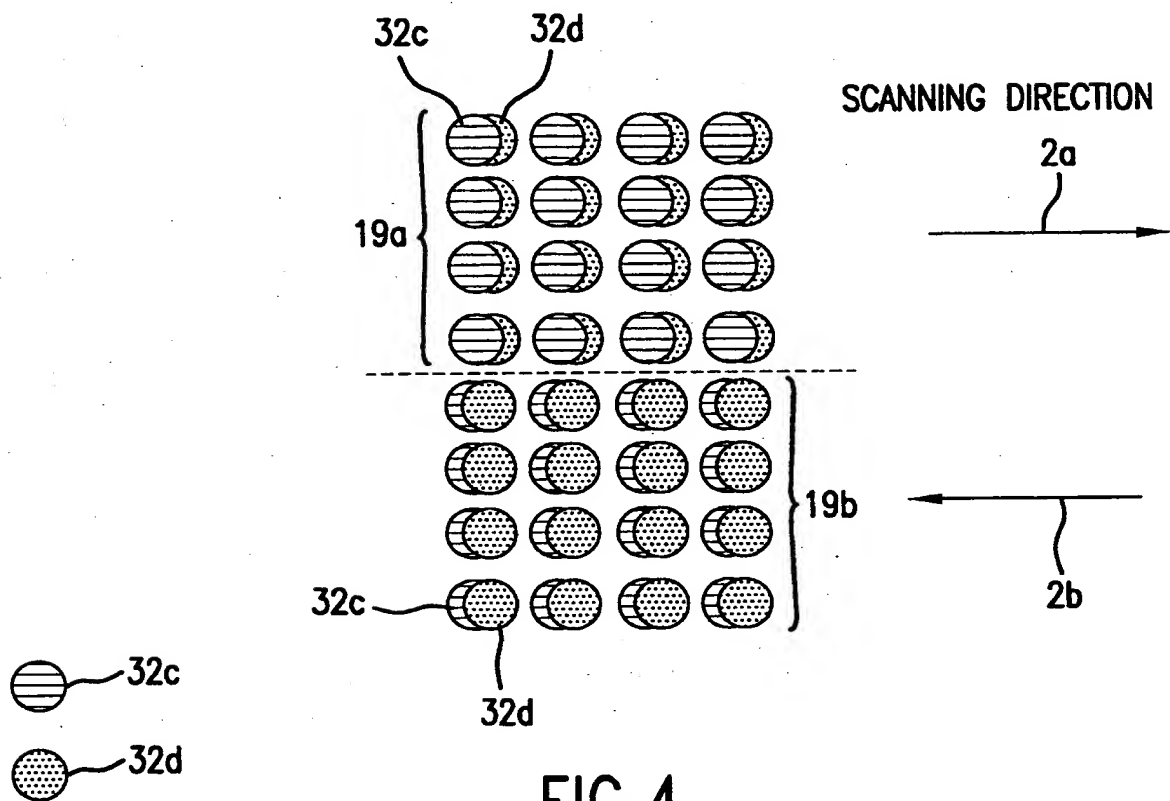


FIG.4

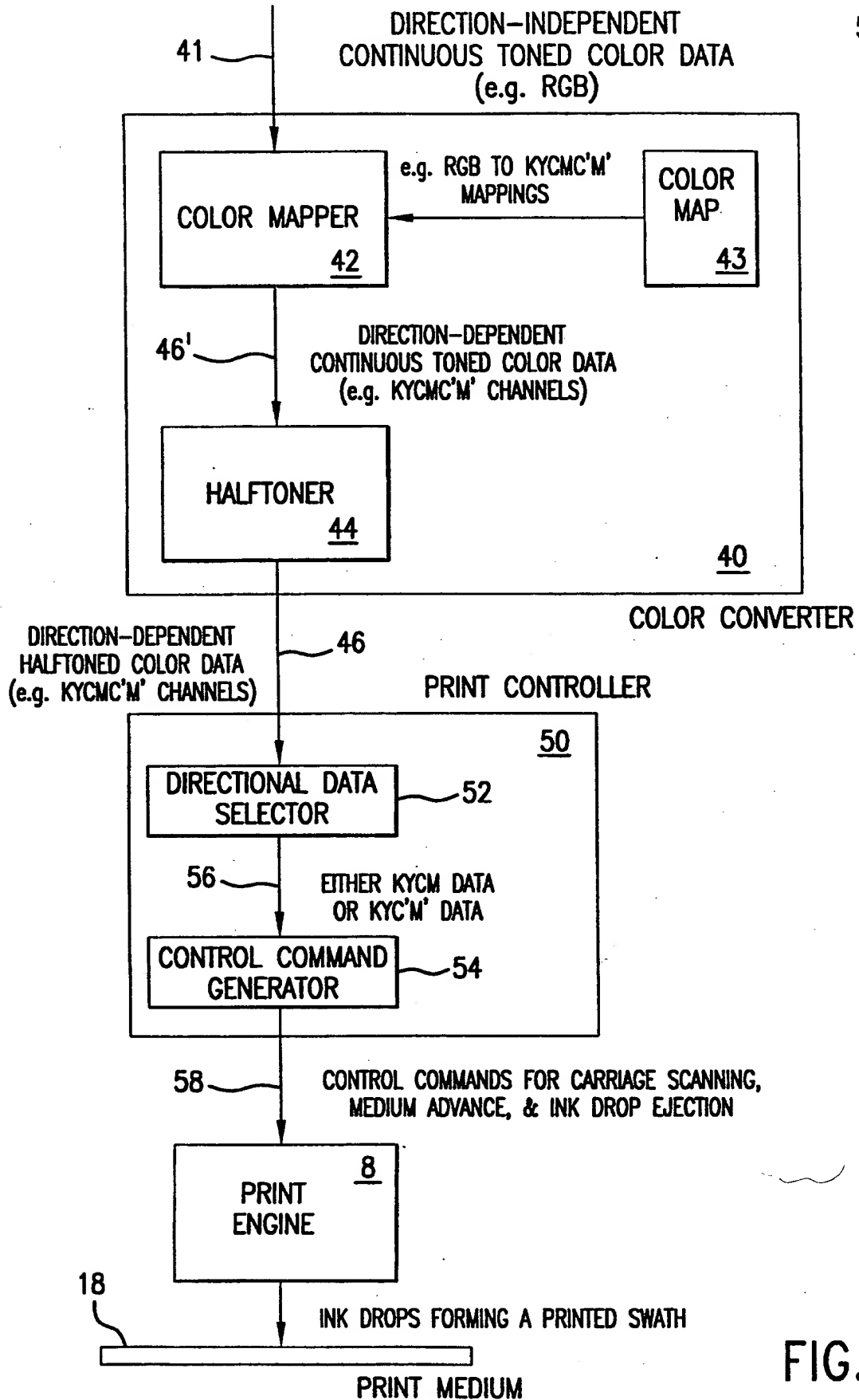
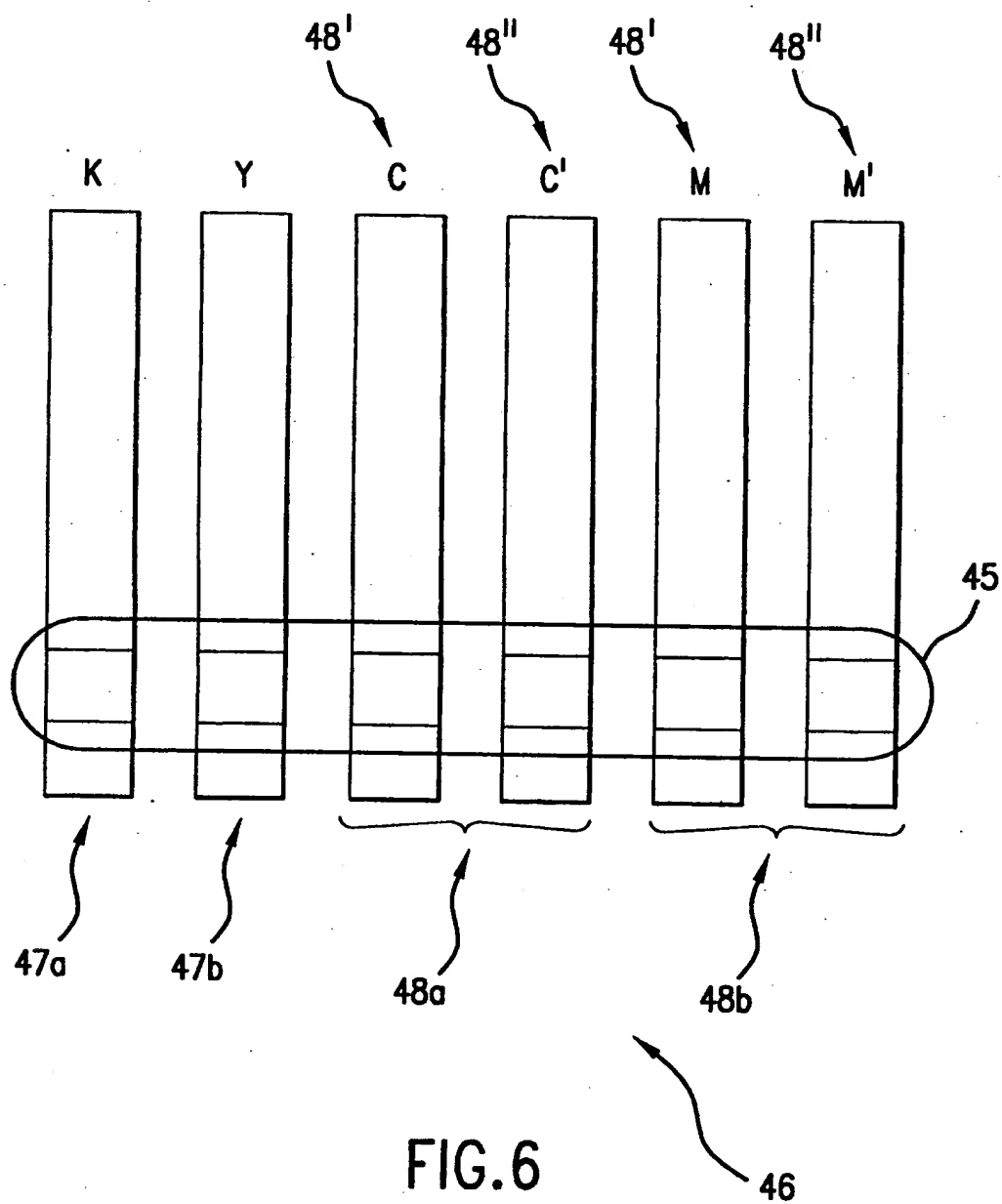


FIG.5

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RGB-to-KCMYC'M' COLOR MAP

	INPUT				OUTPUT					
	R	G	B		K	C	M	Y	C'	M'
COLOR	255	255	255		0	0	0	0	0	0
WHITE	255	255	255		0	0	0	0	0	0
VERY LIGHT BLUE	240	240	255		0	5	9	0	5	9
LIGHT BLUE	224	224	255		0	11	21	0	11	21
	...	...	...		...	...	...	...	...	...
VERY DARK BLUE	0	0	255		0	160	200	0	170	185
	...	...	...		...	...	...	...	...	...
VERY DARK GREEN	0	255	0		0	190	0	170	200	0
	.....	.....	.....		.....	.....	.....	.....	.....	.....
VERY DARK RED	255	0	0		0	0	200	170	0	180
					64a	66a'	66b'	64b	66a''	66b''

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EXAMPLE:

- "VERY DARK BLUE" PRINTED WHILE SCANNING RIGHT-TO-LEFT USES VALUES OF C=160, M=200
- "VERY DARK BLUE" PRINTED WHILE SCANNING LEFT-TO-RIGHT USES VALUES OF C=170, M=185

FIG.7

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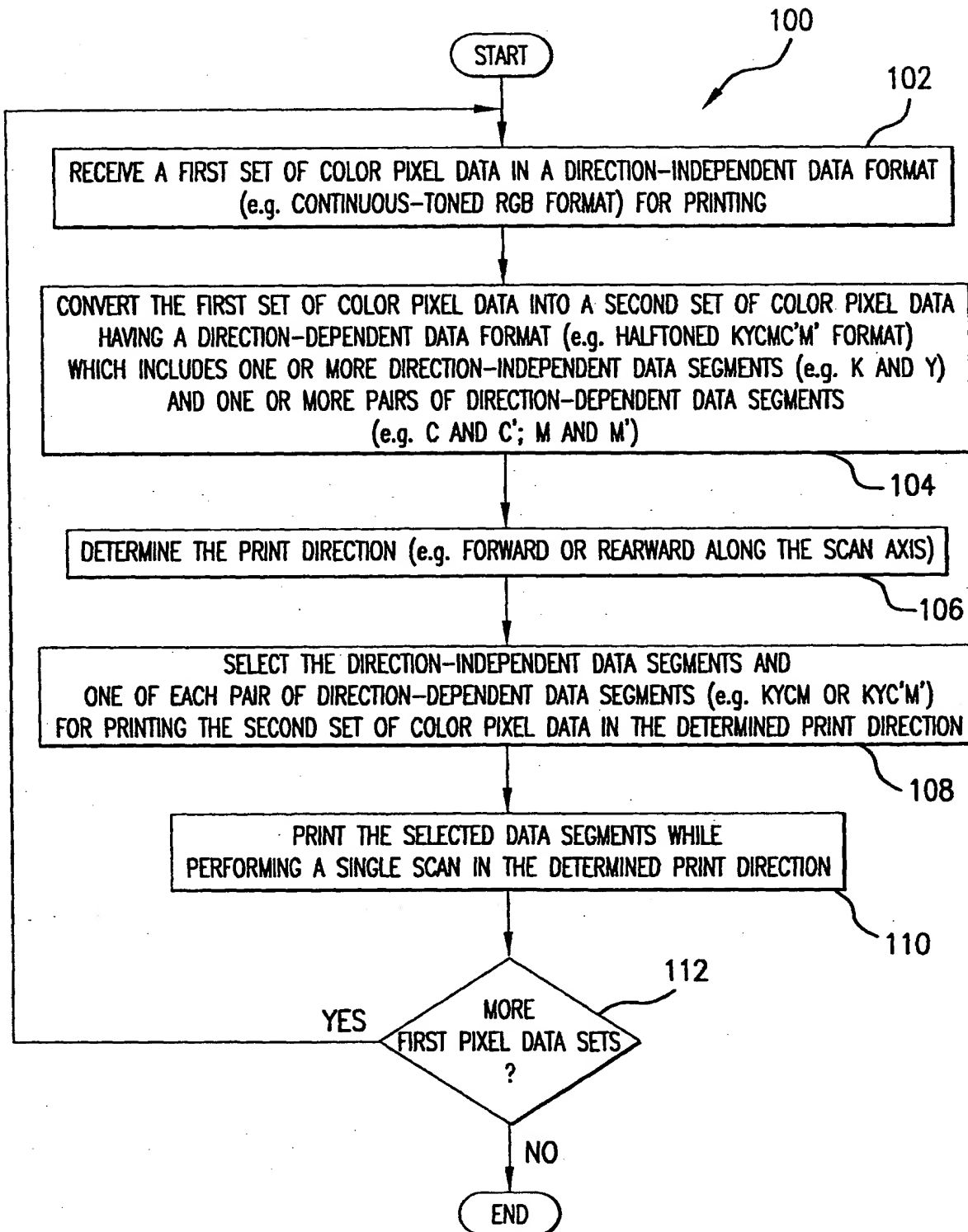


FIG.8



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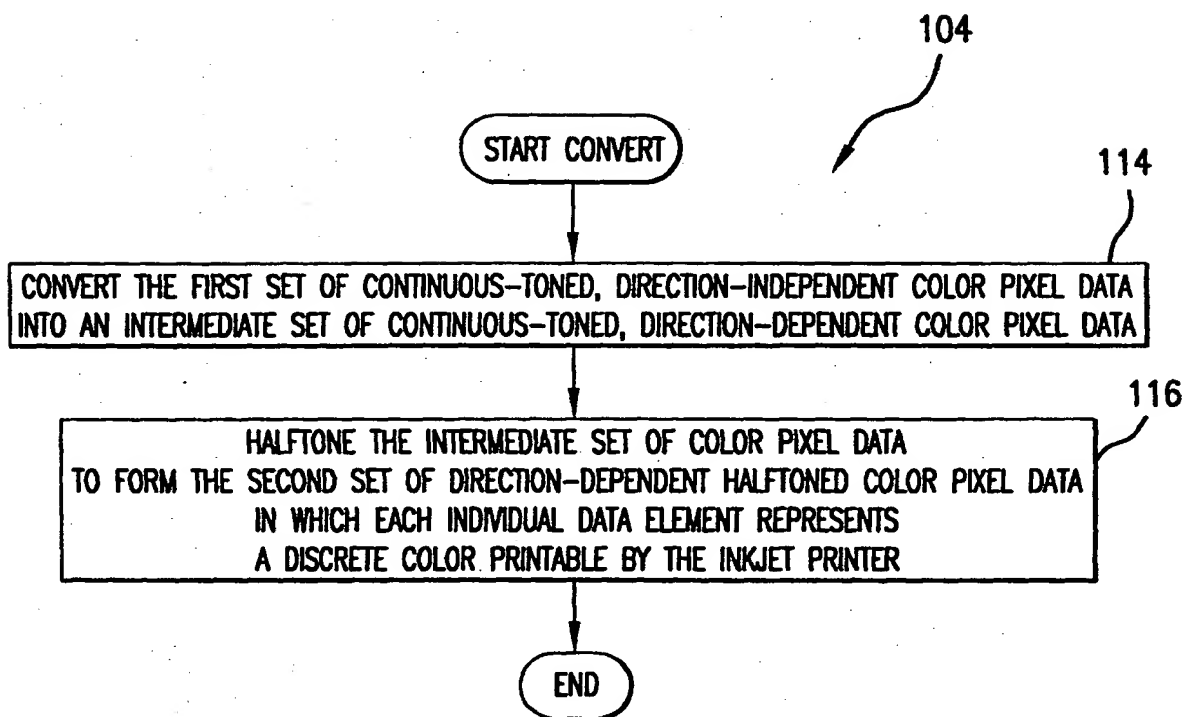


FIG.9